DATA SHEET

ESPRIMO P2540

Your immediately available Office PC

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ESPRIMO P2540

The ESPRIMO P2540 is designed for price-conscious customers and is equipped with state-of-the-art standard Intel® technology. These systems meet every office requirement - especially those typical for small and medium-sized businesses. The ESPRIMO P2540 is available from your dealer at all times and is thus an ideal choice once the decision to purchase has been taken.

Attractive price

PC for the day-to-day challenges of office life

- Proven Intel® technology

Designed and engineered in Germany

Outstanding quality and stable functions based on German production standards

- The development, production and function tests - all under one roof in Germany

Immediate availability

Short waiting times once purchase decision has been taken

- Preferred versions available on-site

Components

Processor	Intel® Core™2 Duo E8600 (3.33 GHz, 6 MB , 1333 MHz)
	Intel® Core™2 Duo E8500 (3.16 GHz, 6 MB , 1333 MHz)
	Intel® Core™2 Duo E8400 (3.0 GHz, 6 MB , 1333 MHz)
	Intel® Core™2 Duo E7600 (3.06 GHz, 3 MB , 1066 MHz)
	Intel® Core™2 Duo E7500 (2.93 GHz, 3 MB , 1066 MHz)
	Intel® Core™2 Duo E7400 (2.8 GHz, 3 MB , 1066 MHz)
	Intel® Pentium® E6300 (2.8 GHz, 2 MB , 1066 MHz)
	Intel® Pentium® E5400 (2.7 GHz, 2 MB , 800 MHz)
	Intel® Pentium® E5300 (2.6 GHz, 2 MB , 800 MHz)
	Intel® Pentium® E5200 (2.5 GHz, 2 MB , 800 MHz)
	Intel® Celeron® E3200 (2.4 GHz, 1 MB , 800 MHz)
	Intel® Celeron® E1500 (2.2 GHz, 512 KB , 800 MHz)
	Intel® Celeron® 450 (2.2 GHz, 512 KB , 800 MHz)
Memory modules	2 GB (1 module(s) with 2 GB) DDR2, 800 MHz, PC2-6400
	1 GB (1 module(s) with 1 GB) DDR2, 800 MHz, PC2-6400
Hard disk drives (internal)	SATA II, 7200 rpm, 500 GB, 3.5-inch, S.M.A.R.T.
	SATA II, 7200 rpm, 320 GB, 3.5-inch, S.M.A.R.T.
	SATA II, 7200 rpm, 250 GB, 3.5-inch, S.M.A.R.T.
	SATA II, 7200 rpm, 160 GB, 3.5-inch, S.M.A.R.T.
Hard disk notes	Supporting NCQ and 3 GBit
Graphics add on cards (optional)	ATI Radeon® HD 3450 256 MB
	NVIDIA® GeForce® 9300GE 256 MB
	NVIDIA® GeForce® 9300GE 512 MB
Modular bay options	1.44 MB Floppy, standard
	Blu-ray Disc Triple Writer
	DVD-ROM
	DVD Super Multi
	MultiCard Reader 20in1, 3,5-Inch
Interface add on cards/components (optional)	
	WLAN III, 802.11g/Draft-n (Windows only)
	Modem adapter kit (EU)
	Modem 56k incl. RJ11 modem cable

Base unit	**ESPRIMO P2540**
Mainboard	
Mainboard type	D2840
Formfactor	reduced µATX
Chipset	Intel® G41
Processor socket	LGA 775
Processor quantity maximum	1
System bus (FSB / HT / QPI)	up to 1333 MHz
Memory slots	2 DIMM (DDR2)
Supported capacity RAM (max.)	4 GB
Memory frequency	800 MHz
Memory notes	4 GB address space, thereof max. 3.0 GB usable for physical main memory. Dual channel support. For dual channel performance, a minimum of 2 memory modules have to be ordered. Capacity per channel has to be the same
LAN	10/100/1000 MBit/s Broadcom BCM5784M
BIOS version	Phoenix 6.0
BIOS features	BIOS based on Phoenix SecureCore Recovery BIOS
Audio codec	Realtek ALC663
Audio features	High Definition audio

I/O controller on board	
Serial ATA total	4
Controller functions	Serial ATA II 3 GBit
Interfaces	
Audio: line-in / microphone	1
Audio: line-in	1
Audio: line-out	1
Front audio: headphone	1
Front audio: microphone	1
USB 2.0 total	8
USB front	2
USB rear	4
USB internal	2
VGA	1
Serial (RS-232)	1 (9pi, 16 byte FIFO, 16550 compatible)
Mouse / Keyboard (PS/2)	2
Ethernet (RJ-45)	1
Input device / components	
	Optical USB wheel mouse Keyboard
Drive bays	
Drive bays total	5
3.5-inch internal bays	2
3.5-inch external bays	1
5.25-inch external bays	2
Slots	
PCI-Express x16	1 x (210 mm) full height
PCI (32-bit / 33 MHz)	2 x (170/ 220 mm) full height
Graphic on board	
Graphics brand name	Intel® GMA 4500
Shared video memory	up to 256 MB
Refresh rate 1024 x 768 (recommended / max.)	85 Hz / -
Refresh rate 1280 x 1024 (recommended / max.)	85 Hz / -
Refresh rate 1600 x 1200 (recommended / max.)	85 Hz / -
TFT resolution (VGA)	1024 x 768 pixel 1360 x 768 pixel 1440 x 900 pixel 1680 x 1050 pixel 1920 x 1200 pixel
Graphic notes	Tested resolutions, depending on display type additional resolutions and frequencies possible Shared memory depending on main memory size Resolution (color depth up to 32 Bit/pixel) For TFT we recommend to use 60Hz.
Electrical values	
Rated voltage range	200 - 240 V
Rated frequency range	50 - 60 Hz
Operating voltage range	200 - 240 V
Operating line frequency range	47 - 63 Hz
Max. output of power supply	300 W
Power factor correction/active power	passive
Monitor outlet	No

Power consumption	
Power consumption note	see white paper Energy Consumption
Link to Energy White Paper	http://docs.ts.fujitsu.com/dl.aspx?id=93e91136-6ac6-4199-8683-13d5514e89a9
Heat dissipation	
Heat dissipation notes	see white paper Energy Consumption
Noise for standard configuration (HDD, ODD, FDD)	
Noise emission	According to ISO9296
Related Processors for noise	Intel® Core™2 Duo E8500
Noise Operation mode 1: ODD load (Blue angel requirement)	4.8 B / 33 dB(A)
Noise Operation mode 2: HDD load (Blue angel requirement)	4.3 B / 27 dB(A)
Noise Operation mode 3: CPU 90% load (Blue angel requirement)	4.3 B / 28 dB(A)
Noise Operation mode 4: High load	4.3 B / 28 dB(A)
Noise Operation mode 5: Office applications	4.2 B / 27 dB(A)
Idle mode (Blue Angel requirement)	4.2 B / 27 dB(A)
Noise notes / description	A weighted sound power level Lwad (in B) / workplace related A-weighted sound pressure level LpAm (in dB(A)), Bystander position
Dimensions / Weight / Environmental	
Dimension (W x D x H)	175 x 425 x 353 mm
Weight	approx. 11 kg
Weight notes	Weight may vary depending on actual configuration
Operating ambient temperature	15 - 35°C
Compliance	
Product	ESPRIMO P2540
Model	MI4W-D2840
Germany	GS
Europe	CE
Global	RoHS (Restriction of hazardous substances) WEEE (Waste electrical and electronical equipment) Microsoft Operating Systems (HCT / HCL entry / WHQL)
Compliance link	https://sp.ts.fujitsu.com/sites/certificates/default.aspx
Operating system	
Operating system optional preinstalled	Microsoft® Windows Vista® Home Basic Microsoft® Windows Vista® Home Premium Microsoft® Windows Vista® Business 32bit TwinLoad Microsoft® Windows® XP Professional (DVD)
Operating system compatible	Linux
Operating system notes	All Windows Vista® versions are Office 2007 ready.
Additional Software	
Additional software (preinstalled)	Nero Essentials (burning software)
Additional software (optional)	Drivers & Utilities DVD (DUDVD) optional Recovery DVD (Windows® XP / Windows Vista®)
Compatibility (references)	
	DMI 2.0 PC 2001 WMI 1.5 USB 2.0
Manageability	
Manageability features	DeskView Migrate (optional) DeskView Control (optional) PXE 2.1 Boot code

Security	
Physical security	Kensington Lock support Eye for padlock
System security	Boot sector virus protection Control of external interfaces
User security	User and supervisor BIOS password Optional: Access protection via external SmartCard reader

Packaging information	
Packaging dimension	500x290x540 mm
Max. quantity / pallet	24
Material - Weight (g) Carton	1270 g
Material - Weight (g) EPS / PS	210 g
Material - Weight (g) PE	appr. 60 g
Packaging notes	printed user documentation is bleached in chlorine free process

Warranty	
Service level	(depending on country)
Recommended Service	5x9, Response Time: Next Business Day
Spare Parts availability	3 years
Service Weblink	http://ts.fujitsu.com/Supportservice

Information about environmental care, policies, programs and our Environmental Guideline FSC 03230:
http://ts.fujitsu.com/aboutus
Take back and Recycling information:
http://ts.fujitsu.com/recycling

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